AMENDMENTS TO THE CLAIMS

The following is a complete listing of all claims in this application.

1. (Cancelled)

2) (Previously Presented) The structural composite sandwich of claim 19 wherein said micro multi-void core comprises a member selected from the group consisting of polymers and metals.

3) (Original) The structural composite sandwich of claim 2 wherein said micro multi-void core is fabricated from aluminum, copper or alloys of aluminum and copper.

4) (Withdrawn) The structural composite sandwich of claim 2 wherein said micro multi-void core is fabricated from a polymer, copolymer or mixture of polymers.

5) (Cancelled)

6) (Cancelled)

7) (Cancelled) The structural composite sandwich of claim 6 wherein said layers of composite stiffening material comprise a metal matrix composite.

8) (Previously Presented) The composite sandwich of claim 2 wherein said core comprises an aluminum or aluminum alloy extrusion, and said continuous fiber metal matrix composite tape comprises an aluminum metal matrix composite.

9) (Previously Presented) The composite sandwich of claim 8 wherein said aluminum metal matrix composite includes continuous ceramic fibers.

10) (Previously Presented) The composite sandwich of claim 19 wherein said multi-void core comprises a micro multi-void ranging in width from a few millimeters up to several inches.

11) (Previously Presented) The composite sandwich of claim 10 wherein said multi-void core comprises a member selected from the group consisting of polymers and metals.

12) (Original) The composite sandwich of claim 11 wherein said multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.

13) (Withdrawn) The composite sandwich of claim 11 wherein said multi-void core is fabricated from a polymer, copolymer or mixture of polymers.

14) (Original) The composite sandwich of claim 11 wherein said multi-void core comprises an extrusion.

15) (Cancelled)

16) (Cancelled)

17) (Previously Presented) The composite sandwich of claim 11 wherein said core comprises an aluminum or aluminum alloy extrusion, and said continuous fiber metal matrix composite tape comprises an aluminum metal matrix composite.

18) (Previously Presented) The composite sandwich of claim 17 wherein said aluminum metal matrix composite includes continuous ceramic fibers.

19) (Previously Presented) A structural composite sandwich comprising:

A) an integral extruded micro multi-void core having two planar surfaces and including a plurality of continuous, parallel, longitudinal channels; and

B) at least one layer of a composite stiffening material attached to each of said two planar surfaces, wherein said composite stiffening material comprises a continuous fiber metal matrix composite tape, comprising continuous aluminum oxide fibers, wherein substantially all of the continuous aluminum oxide fibers are oriented substantially parallel to the longitudinal channels.

20) (Previously Presented) The structural composite sandwich of claim 19 wherein said micro multi-void is fabricated from a metal and said at least one layer of composite stiffening material comprises a continuous fiber aluminum metal matrix composite tape.

21) (Previously Presented) A structural composite sandwich comprising:

A) an extruded integral multi-void core having two opposing planar surfaces and between said opposing planar surfaces a plurality of longitudinal, continuous parallel channels or voids defined by ribs extending between said opposing planar surfaces; and

B) at least one layer of a composite stiffening material attached to each of said two planar surfaces, wherein said composite stiffening material comprises a continuous fiber metal matrix composite tape, comprising continuous aluminum oxide fibers, wherein substantially all of the continuous aluminum oxide fibers are oriented substantially parallel to the ribs extending between said opposing planar surfaces.

22) (Previously Presented) The structural composite sandwich of claim 21 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a continuous fiber aluminum metal matrix composite tape.